

**Covenant School of Nursing**  
**Instructional Module 6 Learning Guide**  
**Topic: Human Reproduction, Contraception, and Infertility**

<b>Learning Goals, Outcomes</b>	
<p>Upon completion of this lesson, you will be able to:</p> <ul style="list-style-type: none"> <li>• Explain the normal female anatomy and functions of the reproductive systems</li> <li>• Examine basic components of the menstrual cycle in relation to conception &amp; contraception</li> <li>• Discuss the nurse's role in counseling &amp; education a couple when choosing a method of contraception</li> <li>• Discuss the contraceptive methods including advantages, disadvantages, &amp; side effects of each</li> <li>• Discuss contraceptive needs across the reproductive life spectrum</li> <li>• Explain factors that can impair a couple's ability to conceive and/or may cause repeated pregnancy losses</li> <li>• Specify evaluations done when a couple seeks treatment for infertility</li> <li>• Explain procedures &amp; treatments to may aid a couple's ability to conceive &amp; carry fetus to viability</li> <li>• Explain structure and function of the placenta, umbilical cord, and fetal membranes</li> <li>• Analyze the differences in dizygotic and monozygotic twinning and complications</li> </ul>	
<b>Pre-Class Preparation</b>	
<p>Required:</p> <ul style="list-style-type: none"> <li>• Foundations of Maternal Newborn and Women's Health Nursing (7<sup>th</sup> ed.) Chapter 3: Reproductive Anatomy and Physiology pgs.45-59 Chapter 25: Family Planning pgs. 693-716</li> <li>• Murray, S., McKinney, E., Holub, K., &amp; Jones, R. (2019). Foundations of Maternal-Newborn and Women's Health Nursing (7th ed.): Ch. 2 pgs. 34-36 Ethics and Bioethics; Ch. 26 Infertility</li> <li>• HESI Comprehensive Review for the NCLEX-RN Examination (6th ed.) Ch. 6 Maternity Nursing - The Menstrual Cycle pp. 201 and Table 6-10 Contraception Methods pp. 232</li> <li>• HESI Adaptive Quiz Exam 3</li> </ul> <p>Recommended:</p> <p>Infertility Explained- <a href="https://my.clevelandclinic.org/health/diseases/16083-infertility-causes">https://my.clevelandclinic.org/health/diseases/16083-infertility-causes</a>            7 Things to Know about Twin-To-Twin Transfusion Syndrome- <a href="https://www.nbcnews.com/health/womens-health/7-things-know-about-twin-to-twin-transfusion-syndrome-n475586">https://www.nbcnews.com/health/womens-health/7-things-know-about-twin-to-twin-transfusion-syndrome-n475586</a></p> <p>Additional Resources:</p> <ul style="list-style-type: none"> <li>• Videos Ovulation &amp; the menstrual cycle (4.05) - <a href="https://www.youtube.com/watch?v=WGJsrGmWeKE">https://www.youtube.com/watch?v=WGJsrGmWeKE</a> Types of contraception (5.53) - <a href="http://www.nhs.uk/Video/Pages/Typesofcontraception.aspx">http://www.nhs.uk/Video/Pages/Typesofcontraception.aspx</a></li> </ul>	
<b>Learning Activities</b>	
<p>Classroom Activities:</p> <ul style="list-style-type: none"> <li>• Lecture &amp; Discussion</li> <li>• Jeopardy</li> </ul> <p>Laboratory, Clinical Activities:</p> <ul style="list-style-type: none"> <li>• Clinical/Community Rotations</li> </ul>	
<b>Evaluation Methods</b>	
<ul style="list-style-type: none"> <li>• HESI Proctored Exam</li> <li>• Unit 4 Exam</li> <li>• HESI Adaptive Quiz Exam 3</li> </ul>	
<i>Texas DECS</i>	<i>QSEN Competencies</i>
Knowledge IA 1c, 2, 4, IB 1a-e, 2a &b, 3, 7a-c, IC 2, ID 4 IIA 1a&b, 2a-c, 3, 4, IIB 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12,	Safety Patient Centered Care, Teamwork & Collaboration, Evidence Based Practice, Safety

IIC 1a&b, 2a&b, 3, 4a-b, 5, 6, 8, IID 1a-d, 2, 3a-b, 5a-b, IIE 1a-b, 2, 3a-b, 4a-b, 5, 6a-b, 7, 8, 9, 10, 11a-c, 12, 13, IIF 1, 2, IIG 1a-b, 2a-b, 3a-b, IIIA 2, 3, 4, IIIB 1a-c, 2 IIID 1a-c, IVA 1a-b, 2, 4a-b, 5a, IVB 1a-b, 2a-b,3a-b, 4 IVC 1, 2, 3, 4a-b, 5, 6, 7, 8 IVG 4, Clinical Judgment IA 1, 2, 3a-b, IB 1, 2a-c, 3a-c, 5a-c, 6a-c, 7, 8, 9, 10 IC 3a-c, 5, 6a-b, ID 1 IIA 1, 2a-c, 3, 4, IIB 1, 2, 3a-b, 4, 5, 6, 7, 8, 9a & b, IIC 1, 2, 3a, 4, 5, 6, 7, IID 1, 2a-d, 3a-c, IIE 1, 2a-c, 3a-b, 4, 5a-b, 6a-d, 7a-c, 8, 9,10, 11, 12a-b, 13,IIF 1a-c, 2a&b, 3a &b, 4, 5a-c, 6 IIG 1, 2a-b, 3, 4, 5a-b, 6, 7, IIH 3, 6 IIIA 2, 3, 4, IIIB 1, 2, 3a-c, 4, 5, 9, IIIC 1, 2a-b IVA 1, 2a-b, 3, IVB 1a-b, 2, 3a-c, 5a-b, IVC 1a-c, 2a-c, 3a-b, 4 IVD a-c, 2a-c, 3a-c, 4	
<b>IM Student Learning Outcomes</b>	<b>NCLEX Test Plan</b>
1/2/3/4/5/6/7/8	Safe & Effective Care Environment, Health Promotion & Maintenance, Psychosocial Integrity, Physiological Integrity
<b>Concepts</b>	<b>Faculty</b>
Clinical Judgment, Communication, Health Promotion, Patient Education, Ethics & Legal Precepts, Evidence-Based Practice, Health Information Technology, Patient-Centered Care, Safety, Cellular Regulation, Comfort, Nutrition, Reproduction, Coping, Grief, Human Development	<b>Rachel Soliz MSN RN CLC CPST</b>
<b>Date originated: 6-29-15</b>	<b>Revision Dates: 11-13-15, 5-26-16, 12/1/16, 11/27/17, 5/4/18,12/4/18, 12/11/19, 1/25/21, 6/4/21, 1/25/22, 7/30/22, 1/20/23, 06/19/23, 10/12/23 01/24/24</b>

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CSON Learning Guide (adopted 5-2015 by Faculty vote) - adapted from Smith, R. M. *Conquering the Content*. San Francisco: Jossey-Bass, 2008.